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2012 Professional Webinar Series

Uponor's webinar series allows professionals to learn about the latest in radiant heating and cooling, plumbing and fire safety systems on their own time. And PROadvantage and PROadvantage Elite members who participate in a live or recorded webinar will receive 10 PROadvantage training credits. Just think, only three webinars and you're already to Elite status! Not a PROadvantage member? Sign up today at www.uponorpro.com. It's fast, free and offers valuable benefits to your business.

Feb. 1 **Introduction to Ecoflex® Pre-insulated Pipe Systems**
Explore the benefits of using a flexible, sustainable, pre-insulated piping system for underground energy transport for radiant heating and cooling, potable water and district energy applications.

Feb. 22 **Leveraging the Radiant Remodeling Market with Simple Solutions**
Grow your business in a down economy by using new and existing products to break into the lucrative remodeling and retrofit markets.

March 21 **Radiant Cooling for Commercial Applications**
Learn how and when to use radiant cooling in commercial HVAC designs (engineer focus).

April 4 **Insulation Options with Ecoflex Pre-insulated Pipe Systems**
Hear the different types of insulation used in flexible PEX distribution systems and distinguish the differences between them.

April 18 **Designing with Uponor Commercial PEX Plumbing Systems**
Learn about designing a commercial plumbing system with crosslinked polyethylene (PEX) tubing, and how Uponor's commercial design experts can help.

May 16 **Designing a Radiant Cooling System from Concept to Completion**
Design an efficient radiant cooling system from start to finish and then put that project to the test to see if it meets the design requirements.

May 23 **Efficiencies of Flexible Ecoflex Over Rigid Pre-insulated Pipe Systems**
See the time- and cost-saving benefits of flexible Ecoflex pre-insulated pipe systems over traditional rigid pre-insulated pipe systems; includes case study overviews.

June 20 **Increasing Your Profits with Uponor Logic Plumbing**
Learn how using flexible PEX tubing and multi-port tees in a Logic layout can make plumbing installs faster, easier and more profitable.

June 27 **Ecoflex for Engineers**
Focus on how to specify Ecoflex and what makes it attractive from an engineer's point-of-view.

July 18 **Value Engineering with Uponor Commercial PEX Plumbing Systems**
Discover how Uponor's plumbing systems can significantly decrease the cost of your next commercial project.

Aug. 22 **Moving Overhead Piping Underground with Ecoflex Pre-insulated Pipe Systems**
How and when to convert overhead piping to underground using Ecoflex pre-insulated pipe systems; analyze various projects that have successfully converted overhead piping to underground.

Oct. 17 **Uponor Climate Cŏntrol™ Network System: Integration and Opportunity**
Changes in the market are requiring the integration of multiple HVAC systems; hear real examples of how the Uponor Climate Cŏntrol Network System has provided a single solution to total system integration.

Nov. 14 **Technical Updates in the Residential Fire Sprinkler Industry**
Hear the latest fire sprinkler developments and technical updates, including pending changes to NFPA 13D, new product development, mandate adoption status, contractor insurance and design services.

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To learn more and to register, visit www.uponorpro.com/training.

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2012 Factory Training Courses

Uponor Academy offers everything from radiant to residential fire sprinklers to controls, all in our state-of-the-art facility in Apple Valley, Minn. More than 11,000 square feet of learning space, including two classrooms, an applications lab, a controls learning station and a business center all await you to reach your new potential.

April 3-4 **AquaSAFE™ Levels I and II**
This course is designed for the plumbing professional interested in Uponor AquaSAFE multipurpose fire sprinkler systems. Participants will review installation guidelines for installing AquaSAFE in one- and two- family dwellings and manufactured homes according to NFPA 13D guidelines.

June 6-8
Sept. 26-28
Nov. 14-16
Radiant Hydronics and Design with Controls
This course is designed for contractors seeking to develop their understanding of hydronic radiant heating systems and radiant system controls. Participants will gain an understanding of the key elements of radiant floor heating and learn advanced radiant design considerations. Attendees will also participate in Uponor's hands-on laboratory, learning to wire and program the Climate Cŏntrol™ Multifunction Controller, Climate Cŏntrol Zoning System and proPANEL® series.

June 6-8
Sept. 26-28
Nov. 14-16
Advanced Radiant Hydronics with ADS
This course is for the contractor interested in going to the next level with hydronic radiant heating systems. Training includes comprehensive radiant system design with the use of Uponor's Advanced Design Suite™ (ADS) software. Participants will learn about heat-loss analysis, near-boiler piping strategies, system components and controls, along with methods to simplify and economize radiant systems while also enhancing their performance. During training, Uponor will provide attendees with laptops and a set of blueprints to design a complete system. At the end of training, participants will receive their own copy of ADS to take home with them.

Note: Participants should have a basic knowledge of hydronic heating systems.

U.S.
May 15-17
June 19-21
Sept. 11-13
Nov. 27-29

Canada
April 23-25
June 25-27
Sept. 17-19
Dec. 3-5

Climate Cŏntrol Network System
This course is intended for the contractor requiring a smart solution for complete radiant and HVAC system integration and control. The Climate Cŏntrol Network System simplifies installation, programming and system start up. Contractors will learn the theory of operation along with web-based programming, all in a hands-on laboratory setting.

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